

November 8, 2004

Mr. Rick A. Muench  
President and Chief Executive Officer  
Wolf Creek Nuclear Operating Corporation  
Post Office Box 411  
Burlington, KS 66839

SUBJECT: WOLF CREEK GENERATING STATION – WITHDRAWAL OF DEFENSE-IN-DEPTH AND DIVERSITY ASSESSMENT FOR DIGITAL UPGRADE OF INSTRUMENTATION AND CONTROL SYSTEMS (TAC NO. MC2286)

Dear Mr. Muench:

By letter dated March 3, 2004 (WO 04-0002), you submitted a defense-in-depth and diversity (D<sup>3</sup>) assessment for the Framatome Advanced Nuclear Power (FANP) TELEPERM XS system to be installed in the Wolf Creek Generating Station (WCGS). The D<sup>3</sup> assessment was submitted in a proprietary and a non-proprietary version. The FANP TELEPERM XS system was to replace the current analog-based instrumentation and control (I&C) systems, including the reactor trip system and engineered safety features actuation systems, with a digital-based system, and the D<sup>3</sup> assessment was to support license amendment requests for the planned I&C system replacements at WCGS. This D<sup>3</sup> assessment was submitted jointly with the Union Electric Company, and review of this D<sup>3</sup> assessment was requested by December 1, 2004.

A meeting that included representatives of the Union Electric Company was held on April 15, 2004, in which the NRC staff recommended that your staff consider submitting an alternative to the D<sup>3</sup> assessment if approval was needed by December 1, 2004. The meeting summary was issued by the NRC on April 22, 2004. A letter accepting the proprietary information submitted in the letter of March 3, 2004, was issued by the NRC on April 22, 2004.

In the letter of October 13, 2004 (WM 04-0042), your staff stated that, based in part on the discussion in the April 15, 2004, meeting, it has decided to withdraw the D<sup>3</sup> assessment. In addition, the implementation schedule for the FANP TELEPERM XS modifications at WCGS has been postponed. Based on the letter of October 13, 2004, we have closed out our review of the D<sup>3</sup> assessment of the FANP TELEPERM XS system and TAC No. MC2286 is closed.

Sincerely,

**/RA/**

Jack Donohew, Senior Project Manager, Section 2  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-482

cc: See next page

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Sincerely,

**/RA/**

Jack Donohew, Senior Project Manager, Section 2  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-482     DISTRIBUTION

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**ACCESSION NO.: ML043090028**

**NRR-106**

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